

[54] **METHOD OF AND APPARATUS FOR  
FLUIDIZING PARTICULATE  
SUBSTANCE**

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[22] Filed: **June 9, 1971**

[21] Appl. No.: **151,363**

[30] **Foreign Application Priority Data**

June 13, 1970 Japan .....45/50903

[52] U.S. Cl. ....**34/10, 34/57 R, 34/57 E**

[51] Int. Cl. ....**F26b 3/08**

[58] Field of Search.....34/10, 57 R, 57 E,  
34/174

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[57] **ABSTRACT**

A fluidized bed of solid particles, for instance of spray dried milk, is formed along a funnel wall by conveying the particles supplied to the upper funnel edge from above along the wall or by a body of gas which is introduced through a plurality of slits in the wall preferably in a direction substantially tangential to the circular cross section thereof to form a gas vortex. The gas vortex is preferably so distributed that its velocity is in direct proportion to the diameter of the conical wall.

**8 Claims, 7 Drawing Figures**

